

Rabbit anti-Human, Rat Carcinoembryonic Antigen (CEA) Polyclonal Antibody | anti-CEA antibody

Polyclonal Antibody to Carcinoembryonic Antigen (CEA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA149610	Rabbit	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

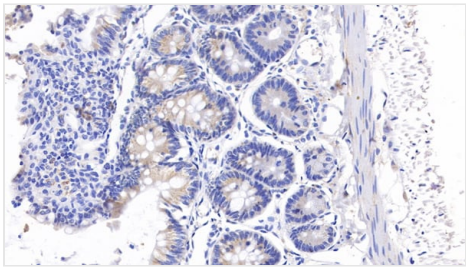
PRODUCT SYNONYMS

Carcinoembryonic Antigen (CEA); Polyclonal Antibody; Polyclonal Antibody to Carcinoembryonic Antigen (CEA); CD66E; CD66; CEACAM5; Carcinoembryonic Antigen-related Cell Adhesion Molecule 5; Carcinoembryonic Antigen; anti-CEA antibody

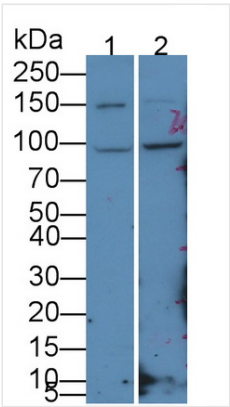
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CEA. It has been selected for its ability to recognize CEA in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid; PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/ml (varies by lot)
Sequence	Asp209-Leu 408
Applicable Applications for anti-CEA antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Sequence	Asp209-Leu408
Cross Reactivity	Rat
Conjugation	None
Preparation and Storage	Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Rat Colon Tissue; Primary Ab: 10ug/ml Rabbit Anti-Rat CEA
Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot; Sample: Lane1: Rat Placenta lysate; Lane2: Human HepG2 cell lysate; Primary
Ab: 1ug/mL

ADDITIONAL INFORMATION

Product Categories/Family for anti-CEA antibody	Tumor Immunity; Gastroenterology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76496477
NCBI GeneID	81613
NCBI Accession #	NP_001029032.1
NCBI GenBank Nucleotide #	NM_001033860.1
UniProt Accession #	P16573
Molecular Weight	57,264 Da
NCBI Official Full Name	carcinoembryonic antigen-related cell adhesion molecule 1 isoform 1
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
NCBI Official Symbol	Ceacam1
NCBI Official Synonym Symbols	Bgp; BGPR; CD66a; Ccam1
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 1; GP110; pp120; C-CAM 105; ecto-ATPase; osteocalcin; cell-CAM 105; pp120/ecto-ATPase; ATP-dependent taurocolate-carrier protein; bone gamma-carboxyglutamic acid (Gla) protein; CEA-related cell adhes
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 1
UniProt Gene Name	Ceacam1
UniProt Synonym Gene Names	C-CAM 105
UniProt Entry Name	CEAM1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.